

Quick Setup

HP ProLiant Storage Server iSCSI Feature Pack quick setup guide

Use this guide to install the HP ProLiant Storage Server iSCSI Feature Pack (Standalone Edition) with HP ProLiant Application Storage Manager (ASM) software and the HP ProLiant Storage Server iSCSI Feature Pack (Gateway Edition).

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What's new for the v1.53 release?

HP ProLiant Storage Server iSCSI Feature Pack now supports:

- Enhanced iSCSI Replication upgrades.
- The full line of HP ProLiant Storage Servers, including the new ML110G2 and DL585 offerings.
- Multiple iSCSI initiators, including Microsoft® Windows v1, the Cisco Software Initiator for Linux, and the Adaptec 7211C iSCSI HBA.
- HP MSA and EVA arrays with Storage Server Gateways (DL380 SAN Storage, DL580G2, and DL585).

The HP ProLiant Application Storage Manager (ASM) now supports:

- Storage allocation, monitoring, and migration for Microsoft SQL Server 2000 databases. The ASM Host a SQL Server Database Wizard automates HP storage best practices for SQL Server database storage.
- Storage allocation and monitoring for iSCSI volumes on any Microsoft Windows 2003 server. The ASM Host a User-Defined Application Wizard simplifies storage allocation for any iSCSI usage.
- Storage allocation and share creation for file sharing storage. The ASM Create a Shared Folder Wizard simplifies storage allocation and capacity management for file sharing.

Installation overview

The software you install has these functions:

iSCSI Feature Pack target software	Adds iSCSI target functionality to HP ProLiant Storage Server (NAS devices), providing block storage services.
Application Storage Manager (ASM)	Automates and simplifies management of storage for these applications: Exchange Server 2003, SQL Server 2000, user-defined applications, and shared folders.
ASM Agent	Allows ASM to communicate with the application server. Install on all supported application servers.

Before you begin

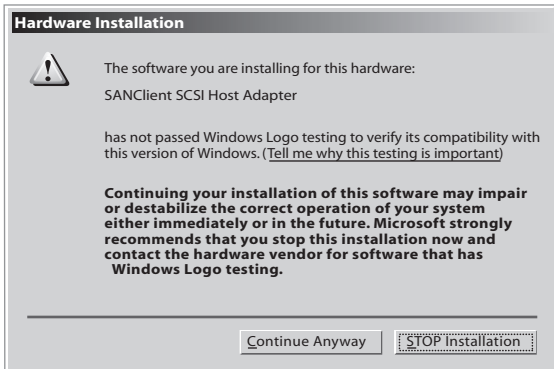
- ❑ Make sure you have administrative privileges on the HP ProLiant Storage Server and any application server with data you plan to host.
- ❑ Obtain your iSCSI license keys; see the printed License Key Entitlement Certificate that came with your software.

To install the iSCSI Feature Pack, install the following components on the HP ProLiant Storage Server (NAS device) and on the application server:

1. On the HP ProLiant Storage Server:
 - iSCSI Feature Pack target software (required)
 - Application Storage Manager (ASM)
2. On the application server:
 - ASM Agent
 - iSCSI agents (if purchased)

Installing the iSCSI Feature Pack software

1. On the HP ProLiant Storage Server, insert the iSCSI Feature Pack Installation CD into the CD-ROM drive. The installation wizard runs automatically; follow the instructions on the screen. HP recommends that you accept the default selections.
2. During installation, the following MS Windows message opens. Since this software is compatible with the Windows operating system, you can safely ignore this message. Click **Continue Anyway**.



3. At the end of the install procedure, restart your system to finish the installation.

Installing license keys

1. Make sure you have the iSCSI license keys (see “Before you begin”).
2. After the system reboots, log in to the HP ProLiant Storage Server.
3. Launch Microsoft Internet Explorer (IE) to start the Web Administration console. Log in as administrator using your local administrator password.
4. Click the **iSCSI** tab. Then, click the **Configuration** tab.
5. Select **License and Version Information**.
6. In the License and Version Information window, click **Add**.
7. First enter the license key to activate the iSCSI Feature Pack. Then, enter license keys for any other features you purchased.
8. After you are done, exit IE.

Installing the ASM Agent on the application server

Follow these steps to install an ASM Agent on a remote application server (for example, Exchange Server 2003 or SQL Server 2000).

1. On the application server, log in as an administrator.
2. Insert the iSCSI Feature Pack installation CD into the CD-ROM drive. The installation wizard runs automatically; follow the instructions on the screen.
3. In the Select Features window, select the HP ProLiant Application Storage Manager agent. Then, click **Next**.
4. Click **Install** to begin the installation.

Installing additional iSCSI agents

In addition to installing the ASM Agent on your application server, you may have also purchased iSCSI Snapshots or iSCSI Direct Backup enhancements with your iSCSI Feature Pack, which require installation of additional iSCSI agents.

If you have license keys for additional iSCSI agents, install these agents on the appropriate application server (such as a server with Exchange, SQL, Oracle®, or Microsoft VSS). The installation procedure for iSCSI agents requires steps not detailed in this booklet. To learn how to install and configure iSCSI agents, see *HP ProLiant Storage Server iSCSI Feature Pack user guide* on the Documentation CD that came with the iSCSI Feature Pack.

Getting started with ASM

The ASM icon is now on your HP ProLiant Storage Server desktop. To host application storage components on the storage server, follow these steps:

1. Log in to the storage server and start ASM.
2. In the navigation pane (left), select **Monitor Applications**.
3. On the menu bar, select **Actions**. Then, select the appropriate storage-allocation wizard:
 - **Host an Exchange Storage Group** to configure storage for Exchange Server 2003 applications.
 - **Create a Shared Folder** to configure storage for shared folders (file shares).
 - **Host a SQL Server Database** to configure storage for SQL Server 2000 applications.
 - **Host a User-Defined Application** to configure storage for user-defined applications (any application that runs under Windows Server 2003 and uses NTFS volumes for storage).
4. The welcome page for the wizard you selected opens. To learn more about using this wizard, select **Help** at the bottom of any page where help is available.

Where to go next

For more information, see the *HP ProLiant Storage Server iSCSI Feature Pack user guide* and the *HP ProLiant Application Storage Manager user guide* on the Documentation CD that came with the iSCSI Feature Pack product. You can also go to the following web sites for product support and technical white papers:

<http://www.hp.com/go/storage>

<http://www.hp.com/support/storage>